

15-143.1

AU 242

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GB 0013848
OCT 1884

A.D. 1884. Oct. 20. N^o 13,848.
ASPINALL'S COMPLETE SPECIFICATION.

(1 SHEET)

15.- BRUSHING
Crush Heads & Loos,
13 Scrubbers.

FIG. 1.

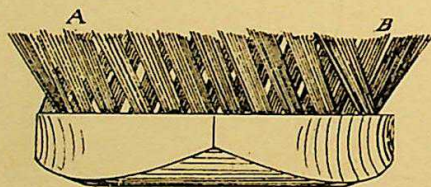
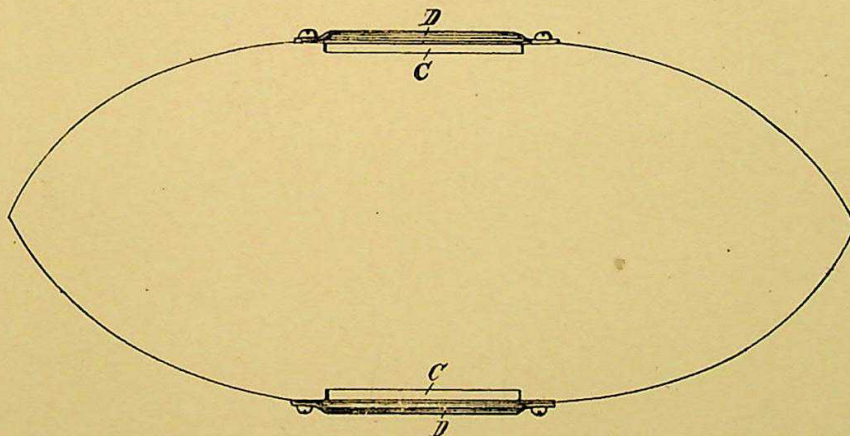


FIG. 2.



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Scrubbere

A.D. 1884, 20th OCTOBER. N° 13,848.

Improvements in Brushes.

PROVISIONAL SPECIFICATION.

I JOHN ASPINALL Brush Maker Market Hill Barnsley in the County of York do hereby declare the nature of my invention for IMPROVEMENTS IN BRUSHES to be as follows :—

I bore the holes in a slanting direction every row of holes for the bristles or
5 other material are slanted oposite ways from each other across from one side of
brush to the other side or lenthway from one end of brush to the other end
When the holes are slanting across way of brush I cut cross way height required
When the holes are slanting lenthway of brush I cut lenthway By this process
of cuting and slanting boreing in rows from side to other side of brush or from end
10 to end I produce a very rough faced brush The boards for horse brushes can have
a space cut out at sides wire or other arrangement secured across the open space.
A strap or band can be pased through to come over the back of the hand of the
person using them.

October 20th, 1884.

JOHN ASPINALL.

Aspinall's Improvements in Brushes.

Improvements in Brushes.

COMPLETE SPECIFICATION.

I, JOHN ASPINALL, Brush Maker Market Hill, Barnsley in the County of York do hereby declare the nature of my invention for IMPROVEMENTS IN BRUSHES and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement, that is to say :—

My invention of improvements in Brushes relates more particularly to Hair 5 brushes, Horse brushes, Scrubbing brushes, and other hand brushes in which it is desirable to have a rough penetrating face.

In carrying out my invention I bore the holes in the brush stock (to receive the bristles or other material) in a slanting or diagonal direction, each alternate row slanting in the opposite direction, or if desirable, two rows may slant in one 10 direction and the next two rows, in the opposite direction.

The rows of holes may be made to run lengthways, or diagonally, or straight across the stock. When the rows of holes are made across the brush, I cut the bristles or other material crossway to the required length, and vice versa and by this method of boring the holes so that each row of bristles leans in the opposite 15 direction to the next row, or when the same method is applied to each double row of bristles, and the bristles are cut in the manner described, I produce a very rough faced and penetrating brush, resulting from the fact, that if the brush is moved either backwards or forwards, about half the bristles (or other substitutes) present their points to the surface operated upon. 20

In horse brushes which require a strap, I cut a recess in each side of the brush stock and fix a metallic bar across it, round which the strap may be passed and secured, or I make two holes through the stock from side to side, or from the side through the top, through which (and the strap) a lace or cord may be passed 25 and tied.

The annexed sheet of drawings will illustrate my invention.

Fig. 1, represents a brush with the bristles arranged according to my invention, A is the first row of bristles, B is the second row, which lean in the opposite direction.

Fig. 2, is the back of a brush, C is the recess, D is the bar round which the strap 30 is passed.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is

In the manufacture of Hair brushes, Horse brushes, Scrubbing brushes and other 35 hand brushes that are required to have a rough penetrating surface; the method of arranging the bristles, or other materials used as substitutes for bristles, so that each alternate row, or alternate double rows shall incline in opposite directions, for the purpose specified, and substantially as described and illustrated.

Dated the 3rd day of March 1885.

ROBT F. DRURY,
Agent for the Applicant.